

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Socket No. AMAT/4582/ISM/ COPPER/DV	Serial No. 09/853,962
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		Applicant Hey, et al.	
Examiner <del>Unknown</del> <b>R. Koehler</b>		Filing Date May 10, 2001	Group <b>1775</b> <del>Unknown</del>

U.S. Patent Documents							
Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<del>RRK</del> <b>2M</b>	A1	6,258,220	07-10-2001	Dordi, et al.	204	198	04-08-1999
<del>RRK</del> <b>2M</b>	A2	6,251,236	06-26-2001	Stevens	204	224 R	11-30-1998
<del>RRK</del> <b>2M</b>	A3	5,885,469	03-23-1999	Kholodenko, et al.	216	11	11-05-1996
<del>RRK</del> <b>2M</b>	A4	5,723,028	03-03-1998	Poris	204	231	10-19-1994
<del>RRK</del> <b>2M</b>	A5	5,429,733	07-04-1995	Ishida	204	224 R	05-04-1993
<del>RRK</del> <b>2M</b>	A6	5,256,274	10-26-1993	Poris	205	123	11-22-1991
<del>RRK</del> <b>2M</b>	A7	5,039,381	08-13-1991	Mullarkey	204	47.5	05-25-1989
<del>RRK</del> <b>2M</b>	A8	4,869,971	09-26-1989	Nee, et al.	428	635	01-23-1989
<del>RRK</del> <b>2M</b>	A9	4,510,176	04-09-1985	Cuthbert, et al.	427	82	09-26-1983
<del>RRK</del> <b>2M</b>	A10	4,496,436	01-29-1985	Inoue	204	23	12-27-1978
<del>RRK</del> <b>2M</b>	A11	4,435,266	03-06-1984	Johnston	204	276	09-30-1982
<del>RRK</del> <b>2M</b>	A12	4,396,467	08-02-1983	Anthony	204	15	07-21-1981
<del>RRK</del> <b>2M</b>	A13	4,315,059	02-09-1982	Raistrick, et al.	429	112	07-18-1980
<del>RRK</del> <b>2M</b>	A14	3,770,598	11-06-1973	Creutz	204	52 R	01-21-1972

Foreign Patent Documents								
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
<del>RRK</del> <b>2M</b>	B1	WO 99/25905	05-27-1999	WIPO	C25D	5/02	X	
<del>RRK</del> <b>2M</b>	B2	WO 97/12079	04-03-1997	WIPO	C25D	5/02	X	
<del>RRK</del> <b>2M</b>	B3	JP04280993	10-06-1992	Japan English Abstract	C25D	5/18	X	

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Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
<del>RRK</del> <b>2M</b>	C1	Holm, Ragnar, "Electric Contacts Theory and Application," Springer-Verlag New York, Inc., New York, New York, 1967, Pages 1-11, 26-31, 40-51, 164-175, and 366-375, (no month given).
<del>RRK</del> <b>2M</b>	C2	Pitney, K.E., NEY Contact Manual, "Electrical Contacts for Low Energy Uses," The J. M. Ney Co., Bloomfield, Connecticut, 1973, Pages 1-13, 88-91, and 148-165, (no month given).
Examiner <b>Robert R. Koehler</b>		Date Considered <b>June 12, 2004</b>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)	Docket No. AMAT/4582/ISM/ COPPER/DV	Serial No. 09/853,962
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**LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANT**

(Use several sheets if necessary)

Applicant  
Hey, et al.

Filing Date  
May 10, 2001

Group  
**1775**  
~~Unknown~~

Examiner ~~Unknown~~ **R. Koehler**

**U.S. Patent Documents**

Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<b>RM</b>	A15	09/245,780	Dordi, et al.			02-05-1999
<b>RM</b>	A16	09/614,407	Zheng, et al.			07-12-2000
<b>RM</b>	A17	09/569,833	Gandikota, et al.			05-11-2000
	A18					
	A19					
	A20					
	A21					
	A22					
	A23					
	A24					

**Foreign Patent Documents**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						YES	NO
<b>RM</b>	B4	JP58182823	10-25-1983	Japan English Abstract	H01L	21/288	X
<b>RM</b>	B5	JP63118093	05-23-1988	Japan English Abstract	C25D	5/18	X
	B6						
	B7						
	B8						

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Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<b>RM</b>	C3 Singer, Peter, "Wafer Processing," Semiconductor International, June 1998, Page 70.
<b>RM</b>	C4 ✓ Singer, Peter, "Tantalum, Copper and Damascene: The Future of Interconnects," Semiconductor International, June 1998, Pages 90-91, 94-96, and 98.
	C5
	C6

Examiner **RM**

Date Considered **June 12, 2004**  
**9/25/03**

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/4582	Serial No. 09/853,962
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1775
Examiner <del>Unknown</del> R. Koehler			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date # Appropriate
OK	A1	5,384,640	01/24/95	Wong	356	437	01/19/83
OK	A2	6,197,181	03/06/01	Chen	205	123	03/20/98
OK	A3	6,203,684	03/20/01	Taylor, et al.	205	103	10/14/98
OK	A4	6,210,555	04/03/01	Taylor, et al.	205	103	01/29/99
OK	A5	6,224,737	05/01/01	Tsai, et al.	205	123	08/19/99
OK	A6	6,227,263	05/08/01	Kust, et al.	141	86	02/04/00
OK	A7	6,261,433	07/17/01	Landau	205	96	04/21/99
OK	A8	6,290,833	09/18/01	Chen	205	182	08/31/99
OK	A9	6,303,014	10/16/01	Taylor, et al.	205	103	04/20/00
OK	A10	6,319,384	11/20/01	Taylor, et al.	205	103	04/20/00
OK	A11	6,432,821	08/13/02	Dubin, et al.	438	678	12/18/00
	A12						
	A13						
	A14						

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.	
C1		
C2		
C3		
Examiner	Robert R. Koehler	Date Considered 9/25/03

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/4582/ISM/CO PPER/DV	Serial No. 09/853,962
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1775 1762
Examiner <del>Unknown</del> R. Koehler			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate
RRK. M	A1	6,551,488	04/22/03	Hey, et al.	205	157	09/08/00
RRK.	A2	6,551,484	04/22/03	Hey, et al.	205	96	01/18/01
RRK.	A3	6,350,366	02/26/02	Landau, et al.	205	182	01/18/00
RRK.	A4	6,344,419	02/05/02	Forster, et al.	438	758	12/03/99
RRK.	A5	6,267,853	07/31/01	Dordi, et al.	204	232	07/09/99
RRK.	A6	6,261,733	07/17/01	Coppens, et al.	430	230	05/03/00
RRK.	A7	6,258,220	07/10/01	Dordi, et al.	204	198	04/08/99
RRK.	A8	6,254,760	07/03/01	Shen, et al.	205	335	03/05/99
RRK.	A9	6,174,425	01/16/01	Simpson, et al.	205	96	05/14/97
RRK.	A10	6,113,771	09/05/00	Landau, et al.	205	123	07/13/98
RRK.	A11	6,093,291	07/25/00	Izumi, et al.	204	224R	7/31/98
RRK.	A12	6,071,388	06/06/00	Uzoh	204	297 R	05/29/98
RRK. M	A13	6,024,856	02/15/00	Haydu, et al.	205	84	10/10/97

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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RRK. M	B1	99/54527	10/28/99	WO	C25D	17/00	<input type="checkbox"/>	<input type="checkbox"/>
RRK.	B2	99/47731	09/23/99	WO	C25D	3/58	<input type="checkbox"/>	<input type="checkbox"/>
RRK. M	B3	99/26275	05/27/99	WO	H01L		<input type="checkbox"/>	<input type="checkbox"/>

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
RRK. M	C1	Dordi, et al. "Flow Diffuser to be Used in Electro-Chemical Plating System," filed 12/05/00; USSN 09/731,326
RRK. M	C2	Hey, et al. "Deposition Uniformity Control for Electroplating Apparatus, and Associated Method," filed 10/12/00; USSN 09/687,053
Examiner	M	Date Considered 9/25/03

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
RRK	A1	5,838,121	11/17/98	Fairbairn, et al.	318	45	11/18/96
RRK.	A2	5,730,890	03/24/98	Bickford, et al.	216	87	09/12/96
RRK.	A3	5,705,223	01/06/98	Bunkofske	427	240	12/05/95
RRK.	A4	5,651,865	07/29/97	Sellers	204	192.13	06/17/94
RRK.	A5	5,625,170	04/29/97	Poris	177	50	01/18/94
RRK.	A6	5,608,943	03/11/97	Konishi, et al.	15	302	08/22/94
RRK	A7	5,528,118	06/18/96	Lee	318	568.17	04/01/94
RRK	A8	5,516,412	05/14/96	Andricacos, et al.	204	224R	05/16/95
RRK.	A9	5,454,930	10/03/95	Miura, et al.	205	159	07/28/94
RRK.	A10	5,447,615	09/05/95	Ishida	204	224R	06/22/94
RRK	A11	5,415,890	05/16/95	Kloiber, et al.	427	242	01/03/94
RRK	A12	5,377,708	01/03/95	Bergman, et al.	134	105	04/26/93
RRK. RRK	A13	5,368,711	11/29/94	Poris	204	193	04/29/93

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
R. M.	B1	99/25905	05/27/99	WO	C25D	5/02	<input type="checkbox"/>	<input type="checkbox"/>
R. I.	B2	99/25904	05/27/99	WO	C25D	5/02	<input type="checkbox"/>	<input type="checkbox"/>
R. M.	B3	99/25903	05/27/99	WO	C25D	5/00	<input type="checkbox"/>	<input type="checkbox"/>

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211	C1	Olgado, "Linear Motion Apparatus and Associated Method," filed 10/16/00; USSN 09/684,500
1	C2	Dordi, <i>et al.</i> "Method and Associated Apparatus for Tilting a Substrate Upon Entry for Metal Deposition," filed 10/03/00; USSN 09/678,947
211	C3	Olgado, <i>et al.</i> "Stable Cell Platform," filed 09/29/00; USSN 09/676,362 June 12, 2004

**Examiner**

Date Considered

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/4582/ISM/CO PPER/DV	Serial No. 09/853,962
INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAY 28 2003		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1775 1762
Examiner <del>Unknown</del> R. K. Schuler			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate
RRK. 700	A1	5,349,978	09/27/94	Sago, et al.	134	153	06/04/93
RRK.	A2	5,328,589	07/12/94	Martin	205	296	12/23/92
RRK.	A3	5,316,974	05/31/94	Crank	437	190	04/30/90
RRK.	A4	5,290,361	03/01/94	Hayashida, et al.	134	2	01/23/92
RRK.	A5	5,259,407	11/09/93	Tuchida, et al.	134	151	06/14/91
RRK.	A6	5,252,807	10/12/93	Chizinsky	219	390	10/23/91
RRK.	A7	5,230,743	07/27/93	Thompson, et al.	134	32	07/30/92
RRK.	A8	5,224,504	07/06/93	Thompson, et al.	134	155	07/30/92
RRK.	A9	5,222,310	06/29/93	Thompson, et al.	34	202	01/11/91
RRK.	A10	5,178,813	01/12/93	Akatsu, et al.	264	210.7	03/19/91
RRK.	A11	5,162,260	11/10/92	Leibovitz, et al.	437	195	01/07/91
RRK.	A12	5,155,336	10/13/92	Gronet, et al.	219	411	10/24/91
RRK. mh	A13	5,092,975	03/03/92	Yamamura, et al.	204	198	06/15/89

## Foreign Patent Documents

	*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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RRK. mh		B1	932 709	09/08/55	DE			<input type="checkbox"/>	<input checked="" type="checkbox"/>
RRK. 1		B2	443 108	11/22/68	SU	C23	5/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RRK. mh		B3	6-17291	01/25/94	JP	H01L	21/288	<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
RRK. mh	C1 Olgado, et al. "Multiple Blade Robot Adjustment Apparatus and Associated Method," filed 09/18/00; USSN 09/664,607
RRK. mh	C2 Olgado, "Removable Modular Cell for Electro-Chemical Plating," filed 09/15/00; USSN 09/663,814
	C3

Examiner Vick Hopper Robert R. Zocher Date Considered June 12, 2004 9/25/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 175
Examiner <del>Unknown</del> <i>R. Koehler</i>		MAY 29 2003 TC 1700	

## U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>RRK. W</i>	A1	5,055,425	Leibovitz, et al.	437	195	06/01/89
<i>RRK.</i>	A2	4,789,445	Goffman, et al.	204	114	11/19/86
<i>RRK.</i>	A3	4,732,785	Breser	427	240	09/26/86
<i>RRK.</i>	A4	4,693,805	Quazi	204	192.22	02/14/86
<i>RRK.</i>	A5	4,519,846	Aigo	134	15	03/08/84
<i>RRK.</i>	A6	4,518,678	Allen	430	311	12/16/83
<i>RRK.</i>	A7	4,489,740	Rattan, et al.	134	140	12/27/82
<i>RRK.</i>	A8	4,428,815	Powell, et al.	204	297 W	04/28/83
<i>RRK.</i>	A9	4,405,416	Raistrick, et al.	204	68	09/15/81
<i>RRK.</i>	A10	4,376,685	Watson	204	52 R	06/24/81
<i>RRK.</i>	A11	4,336,114	Mayer, et al.	204	52R	03/26/81
<i>RRK.</i>	A12	4,326,940	Eckles, et al.	204	232	05/21/79
<i>RRK. W</i>	A13	4,113,492	Sato, et al.	96	67	04/08/77

## Foreign Patent Documents

*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
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<i>RRK. W</i>	B1	4-141395	JP	C25D	5/34	<input type="checkbox"/>	<input type="checkbox"/>
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	<del>B3</del>					<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK. W</i>	C1 Zheng, et al. "Method of Application of Electrical-biasing to Enhance Metal Deposition," filed 07/12/00; USSN 09/614,407
<i>RRK. W</i>	C2 Gandikota, et al. "Electrochemical Deposition for High Aspect Ratio Structures Using Electrical Pulse Modulation," filed 05/11/00; USSN 09/569,833
	<del>C3</del>

Examiner *W* *RRK. W* Date Considered *June 12, 2004*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1775 1762
Examiner <del>Unknown</del> R. Koehler			

## U.S. Patent Documents

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RRK. 2/4	A1	4,110,176	08/29/78	Creutz, et al.	204	52 R	05/04/77
RRK.	A2	4,092,176	05/30/78	Kozai, et al.	134	186	12/07/76
RRK.	A3	4,027,686	06/07/77	Shortes, et al.	134	33	01/02/73
RRK.	A4	3,727,620	04/17/73	Orr	134	95	03/18/70
RRK.	A5	3,649,509	03/14/72	Morawetz, et al.	204	238	07/08/69
RRK.	A6	2,882,209	04/14/59	Brown	204	52	05/20/57
RRK. 2/4	A7	2,742,413	04/17/56	Cransberg, et al.	204	52	04/13/53

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
RRK. 2/4	C1 ✓	Dordi, et al. "Electrodeposition Chemistry for Improved Filling of Apertures," filed 02/05/99; USSN 09/245,780
RRK.	C2	Colombo, "Wafer Back Surface Film Removal," Central R&D, SGS-THOMSON Microelectronics, Agate Italy (no date given).
RRK.	C3	Semitool Product Catalog (on-line) October 27, 1998
RRK.	C4	Singer, "Copper Has Enormous Benefits When Compared to Aluminum, but its Implementation Requires Some Fundamental Changes in Process Technologies," Semiconductor International June 1998
RRK.	C5	Singer, "Wafer Processing," Semiconductor International June 1998
RRK.	C6	Pitney, "Ney Contact Manual" October 1974
RRK. 2/4	C7	Holm, "Electric Contacts: Theory and Application" August 21, 1967 June 12, 2004

Examiner *mio* *R. Koehler* Date Considered *9/25/03*

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U.S. Department of Commerce, Patent and Trademark Office  
(PTO Form 1449 modified)

Sheet 1 of 1 sheet(s)

Docket No.  
AMAT/4582/CPI/CO  
PPER/PJS

Serial No.  
09/853,962

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY  
APPLICANT**

Applicant  
Hey, et al.

Confirmation No.:  
6593

(Use several sheets if necessary)

Examiner ~~Vivok Koppika~~

Filing Date  
May 10, 2001

Group  
~~4762~~ 1775

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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RRK	A2	6,432,832	08/13/2002	Miller, et al.	438	713	06/30/1999
RRK	A3	6,399,479	06/04/2002	Chen, et al.	438	628	08/30/1999
RRK	A4	6,395,101	05/28/2002	Scranton, et al.	134	32	10/08/1999
RRK	A5	6,391,166	05/21/2002	Wang	204	224 R	01/15/1999
RRK	A6	6,261,433	07/17/2001	Landau	205	96	04/21/1999
RRK	A7	6,203,582	03/20/2001	Berner, et al.	29	25.01	07/15/1996
RRK	A8	5,302,256	04/12/1994	Miura, et al.	205	85	06/15/1992
RRK	A9	2001/0015321	08/23/2001	Reid, et al.	205	103	02/28/2001
	A10						
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Foreign Patent Documents

**Foreign Patent Documents**

*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation		
RRK	B1	99/25902	05/27/1999	WO	C25B	13/00	YES	NO
	B2						<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER ART								

**OTHER ART**

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
RRK	C1 International Search Report for PCT Application US01/15200 dated March 11, 2003. (AMAT/4582.PC)
RRK	C2 International Search Report for PCT Application US99/08782 dated January 31, 2000. (AMAT/2601.02.SP)
	C3

Examiner Robert L. Koehler

Date Considered June 12, 2004

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/4582/CMP/ ECP/RKK		Serial No. 09/853,962	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Hey, et al.		Confirmation No.: 6593	
(Use several sheets if necessary)		Filing Date May 10, 2001		Group 1775	
Examiner <i>R. Koehler</i> Vivick D. Koepfkar		JAN 22 2004 PTO		RECEIVED JAN 30 2004 TC 1700	

U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>RKK</i>	A1	6,638,410	10/28/2003	Chen, et al	205	182	11/22/2002
<i>RKK</i>	A2	6,632,345	10/14/2003	Chen	205	182	10/23/2000
<i>RKK</i>	A3	6,565,729	05/20/2003	Chen, et al	205	82	12/07/2000
<i>RKK</i>	A4	6,440,291	08/27/2002	Henri, et al	205	205	11/30/2000
<i>RKK</i>	A5	6,409,903	06/25/2002	Chung, et al	205	96	12/21/1999
<i>RKK</i>	A6	6,340,633	01/22/2002	Lopatin, et al	438	625	03/26/1999
<i>RKK</i>	A7	6,277,263	08/21/2001	Chen, et al.	205	182	08/31/1999
<i>RKK</i>	A8	6,074,544	06/13/2000	Reid, et al	205	157	07/22/1998
<i>RKK</i>	A9	4,891,106	01/02/1990	Domnikov	204	30	08/18/1987
	A10						
	A11						
	A12						
	A13						

Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
<i>RKK</i>	B1	01/90446	11/19/2001	WO	C25D	-----	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART		
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
<i>RKK</i>	C1	United States Patent Application for 09/614,407, filed on July 11, 2000. (AMAT/4471.Y1)
	C2	
	C3	

Examiner <i>R. Koehler</i>	Date Considered <i>June 12, 2004</i>
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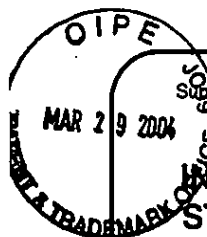
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PTO/SB/06a (08-03)

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Supplement for form 1449A/PTO

# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number	09/853,962
Filing Date	MAY 10, 2001
First Named Inventor	PETER HEY, ET AL.
Group Art Unit	1775
Examiner Name	<del>VIVEK D. KOPPIKAR</del> <b>R. Koehler</b>
Attorney Docket Number	AMAT/4582/CMP/ECR/RKK
Submission Date	March 24, 2004

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<del>REX</del>	A1	US-4,898,647	02/06/1990	Luce, et al.	
<del>REX</del>	A2	US-5,516,414	05/14/1996	Glaefenhein, et al.	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner

**Robert R. Koehler**

Date Considered

**June 12, 2004**

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2

of 2

Application Number	09/853,962
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<b>Filing Date</b>	<b>MAY 10, 2001</b>
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First Named Inventor	PETER HEY, ET AL.
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Group Art Unit	1775
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Examiner Name

Attorney Docket Number	AMAT/4582/CMP/ECP/RKK
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Submission Date

March 24, 2004

## NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner

**Date Considered**

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**SUPPLEMENTARY  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of	2
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Application Number	09/853,962
Filing Date	May 10, 2001
First Named Inventor	Hey, et al.
Group Art Unit	1753
Examiner Name	Robert R. Koehler
Attorney Docket Number	AMAT/4582/CMP/ECP/RKK
Submission Date	April 29, 2004

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known)				
PRK	B1	52056369	05/09/1977	JP English Abstract		
PRK	B2	1160846	12/05/2001	EP		

**Examiner**

Date Considered June 12, 2004

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